



63

DEPARTMENT OF ENVIRONMENT AND CONSERVATION  
TENNESSEE DIVISION OF AIR POLLUTION CONTROL  
ANNUAL INSPECTION

Reference No.: 72-0129  
State Class: TM  
Pollutant(s): TSP, SO<sub>2</sub>, CO, VOC, NO<sub>x</sub>

Environmental Specialist: STD  
Route To: CMW

Date Inspected: May 13, 2010

Company: Lowe's Home Centers, Inc.  
Location address: 3535 Rhea County Highway  
City/State/Zip: Dayton TN 37321  
Mailing Address, if different: P.O. Box 1111, North Wilkesboro, North Carolina 28656

Company Contact/Title: Melissa Call, Corporate Technical Contact  
Phone: (336) 658-2181 (Call); (423) 775-8914 (Dayton Store)

Does Company impact an additional control area? YES/NO : No  
If Yes, pollutant type:

Does Company have: NSPS (Part 60)? No PSD? No  
NESHAPS (Part 61)? No MACT (Part 63)? No

If YES, give subpart for NSPS, NESHAPS, MACT  
Sources If YES to any, indicate point number(s):

Date of the last annual inspection: Initial  
Time period covered by this inspection, from: November 2008 to May 2010  
Is inspection partial or comprehensive? Comprehensive

Total time required for this inspection (hours):  
Was company in compliance during entire inspection time period? Yes  
If NO, explain in final paragraph

If CM source: Date annual report received in EFO: N/A  
Date annual report review complete/acknowledged by EFO: N/A  
Did annual report have deviations from permit conditions (Y/N)? N/A

**EXECUTIVE SUMMARY:**

Permitted operations at Lowe's Home Centers of Dayton consist of one 550 hp internal combustion diesel engine (Source 01) for use as a back-up power generator during brief power outages.

This is the initial inspection at this facility.

Source 01 operates under the authority of construction permit #962054P issued October 2009 with an expiration date of September 1, 2010.

- This facility is in compliance with permit condition #1. W. Layne Adams Jr. remains the responsible party to represent and bind the facility in environmental permitting affairs.

- In accordance with permit condition #2, maximum heat input does not exceed 1.4 million BTU per hour.
- In accordance with permit condition #3, only diesel was used as fuel for this source.
- In accordance with permit condition #4, the maximum fuel usage for this source did not exceed 13,500 gallons during all intervals of 12 consecutive months. Logs indicate that the highest fuel usage of 280.9 gallons occurred during the 12 month intervals from February 2009 through January 2010 and March 2009 through February 2010.
- Permit condition #5 states, in part, that particulate matter emitted from this source shall not exceed 0.18 pounds per hour. Compliance is based on engine manufacturer emission data and the 2007 Model Year Certificate of Conformity.
- Permit condition #6 states, in part, that sulfur dioxide emitted from this source shall not exceed 0.15 pounds per hour. Compliance is based on engine rating and power and data supplied by the manufacturer.
- Permit condition #7 states, in part, that carbon monoxide emitted from this source shall not exceed 3.16 pounds per hour. Compliance is based on engine manufacturer emission data and the 2007 Model Year Certificate of Conformity.
- Permit condition #8 states, in part, that nitrogen oxides and non-methane hydrocarbons emitted from this source shall not exceed 3.61 pounds per hour combined. Compliance is based on engine manufacturer emission data and the 2007 Model Year Certificate of Conformity.
- Permit condition #9 has been addressed in previous compliance statements.
- In accordance with permit condition #10, a monthly log of fuel usage for the engine was maintained at the source location.
- Compliance with permit condition #11 cannot be determined in the field.
- In accordance with permit condition #12, no visible emissions were observed at the time of inspection.
- This facility is in compliance with permit condition #13.
- Permit condition #14 states, in part, that this permit shall serve as a temporary operating permit from initial start-up to the receipt of a standard operating permit, provided the operating permit is applied for within 30 days of initial start-up. This facility was issued a Notice of Violation October 6, 2009 and a construction permit October 23, 2009 after failing to apply for a construction permit prior to the installation of source 01. Initial start-up of source 01 was November 14, 2007. A standard operating permit application was signed by W. Layne Adams Jr. on November 3, 2009.

Lowe's Home Centers, Inc. is in compliance in that no compliance problems were found with any issue under the purview of this inspector.

Stephen Dyer  
Inspector's Name

VEE Certification Number: 2294  
Certification Expiration Date: September 2010

I verify that the format and content of this report conforms to established TN Division of Air Pollution Control annual inspection standard operational procedures guidance and that the compliance determination made in this report is correct.

Don E. Davis  
Supervisor/Manager  
JK 5/19

6/7/10  
Date